



State of Louisiana

Department of Environmental Quality



KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

Certified Mail No.

Agency Interest No. 1376
Activity No.: PER19960006

Mr. J. A. Stroink
Refinery Manager
Chalmette Refining, L.L.C.
Post Office Box 1007
Chalmette, Louisiana 70044

RE: Part 70 Initial Operating permit, Wastewater Treatment Plant, Chalmette Refinery,
Chalmette Refining, L.L.C., Chalmette, St. Bernard Parish, Louisiana

Dear Mr. Stroink:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2010, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and Agency Interest No. cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2005.

Permit No.: 2822-V0

Sincerely,

Chuck Carr Brown, Ph.D.

Assistant Secretary

SGQ

cc: EPA Region VI

OFFICE OF ENVIRONMENTAL SERVICES • P.O. BOX 4313 • BATON ROUGE, LOUISIANA 70821-4313



AN EQUAL OPPORTUNITY EMPLOYER



PUBLIC NOTICE
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)
CHALMETTE REFINING, L.L.C / CHALMETTE REFINERY
NO. 2 CRUDE/COKER UNITS AND WASTEWATER TREATMENT PLANT

PUBLIC HEARING AND REQUEST FOR PUBLIC COMMENT ON
PROPOSED INITIAL PART 70 AIR OPERATING PERMITS
AND THE ASSOCIATED ENVIRONMENTAL ASSESSMENT STATEMENT (EAS)

Due to the situation in St. Bernard Parish after the hurricanes and to assure a better opportunity for the public to attend a public hearing, LDEQ will hold the public hearing twice to receive comments regarding the proposed permits for Chalmette Refinery.

**The first hearing will be held on January 10, 2006 in Chalmette, LA, St. Bernard Parish.
The second hearing will be held on January 12, 2006 in Baton Rouge, LA.**

All the pertinent details for the public hearing are outlined in the following public notice.

The LDEQ, Office of Environmental Services, will conduct two public hearings to receive comments on the proposed initial Part 70 air operating permits and the associated Environmental Assessment Statement (EAS) for Chalmette Refining, L.L.C, P. O. Box 1007, Chalmette, Louisiana 70044 for its No. 2 Crude/Coker Units and the Wastewater Treatment Plant. The facilities are located at 500 W St. Bernard Hwy, on the left descending bank of the Mississippi River at Mile 89 above Head-of-Passes in Chalmette, St. Bernard Parish.

Each hearing will begin at 6:00 p.m., on the following dates at the specified locations:

Tuesday, January 10, 2006
St. Bernard Parish Council Meeting Room, 8201 West Judge Perez Drive, Chalmette, LA

Thursday, January 12, 2006
LDEQ Galvez Building Conference Center, Natchez Room
602 North 5th Street, Baton Rouge, LA

Free parking will be available at the Galvez Garage facing the Galvez building on North Street. Garage tickets for the meeting & hearing attendees will be validated by DEQ for the free parking.

During the hearing, all interested persons will have an opportunity to comment on the proposed permits.

Chalmette Refining, LLC, is a joint venture between ExxonMobil Corporation and Petroleos de Venezuela, the Venezuelan National Oil Company. Chalmette Refinery is an integrated crude operation (high conversion) which includes crude distillation, catalytic reforming, fluid catalytic cracking (FCC), hydrocracking, HF alkylation, delayed coking, and aromatics processing units. The refinery is capable of producing gasoline, diesel, benzene/toluene/xylene (BTX), distillates and sulfur recovery as well as by-products such as petroleum coke and LPG.

Chalmette Refining, L.L.C proposes to bring the No. 2 Crude/Coker Units and the Wastewater Treatment Plant under Part 70 air permitting requirements. The No. 2 Crude/Coker Units currently operates under a consolidated State Permit No. 2500-00005-02 dated November 18, 1988; other permit nos. 2822-V0 dated January 29, 2003; 2226(M-3) dated November 27, 1996 and 2621 dated August 10, 1999. The Wastewater Treatment Plant currently operates under a consolidated State Permit No. 2500-00005-02 dated November 18, 1988; other permit nos. 2226(M-3) dated November 27, 1996; and 2822 dated January 29, 2003.

No. 2 Crude/Coker Units

The facility proposes to increase the throughput on Crude Unit from 95,000 to 100,000 barrels per day and on the Coker Unit from 25,000 to 30,000 barrels per day. To achieve this goal and minimize the impact the facility will modify the units as follows: 1) Install low NOx burners on No. 2 Crude Gas Oil Heater F-7410, maintaining the current capacity and replace existing forced and induced draft fans on this heater; 2) Install low NOx burners on No. 2 Coker Heater F-8101 and re-rate heater capacity to meet demands and replace air preheater V-9817 with a larger unit and replace induced and forced draft fans; 3) Install three way catalyst on No. 2 Coker diesel fired air compressor engine; 4) Replace aero assembly and rotor on Wet Gas Compressor D-8101; 5) Install a separator and condenser; 6) Other associated updates and replacements.

Permitted emissions from the No. 2 Crude/Coker Units in tons per year are as follows:

Pollutant	Emission
PM ₁₀	26.05
SO ₂	60.96
NO _x	154.60
CO	130.31
VOC	308.76

Wastewater Treatment Plant

Permit No. 2822 was issued to allow the facility to replace the existing biological reactor lagoons (BRLs) with an Above Ground Integrated BIOX System. The facility is proposing "as built" changes to the approved project in Permit No. 2822. The changes are as follows: 1) The project start up is expected to be in the fourth quarter of 2005; 2) The cooling tower physical design has been scaled down from six cells to five cells; 3) Sump No. 1 will not be modified as planned instead a 6,000 gpm electric driven pump will be installed at the API separator; 4) Tank 1009 will be utilized as an equalization tank or the IAF's will be operated in series; 5) New Tank D-3721 will now have an external floating roof instead of an open top; 6) Clearwell effluent pump capacity will be changed to 3,600 gpm from 3,300 gpm; and 7) The Power Distribution Center (PDC) and the Environmental Monitoring Center (EMC) design have been altered with no effect on emissions.

Permitted emissions from the Wastewater Treatment Plant in tons per year are as follows:

Pollutant	Emission
PM ₁₀	0.19
SO ₂	0.01
NO _x	25.33
CO	11.07
VOC	252.55

These are the initial Part 70 air operating permits for the units and the plant. An Administrative Order dated May 25, 2005 was issued for interim emissions limits.

The EAS submitted by the applicant addresses avoidance of potential and real environmental effects, balancing of social and economic benefits against environmental impact costs, and alternative sites, projects, and mitigative measures.

Written comments or written requests for notification of the final permit decision regarding these permits and the EAS may also be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., Monday, January 16, 2006.** Written comments will be considered prior to a final permit decision.

LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The initial Part 70 air operating permit applications, proposed initial Part 70 air operating permits, EAS (also known as Environmental Impact Questions) and statements of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5th Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). Additional copies may be reviewed at the following locations: St. Bernard Parish Council Office, 8201 West Judge Perez Drive, Chalmette, LA, Plaquemines Parish Library, Belle Chasse Branch, 8442 Highway 23, Belle Chasse, LA, New Orleans Public Library, Headquarters, 219 Loyola Avenue, New Orleans, LA, East Baton Rouge Parish Library, Headquarters, 7711 Goodwood Boulevard, Baton Rouge, LA, LDEQ Southeast Regional Office Mandeville, 645 N. Lotus Drive, Suite C, Mandeville LA and Bayou Lafourche Regional Office, 110 Barataria Street, Lockport, LA.

Individuals with a disability, who need an accommodation in order to participate in the public hearing, should contact Ms. Barbara Mason, Public Participation Group, at the above address or by phone at (225) 219-3280.

Inquiries or requests for additional information regarding this permit action should be directed to Mr. Syed Quadri, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3123.

Persons wishing to be included on the LDEQ permit public notice mailing list should contact Ms. Soumaya Ghosn in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3276, or by email at maillistrequest@ldeq.org.

Permit public notices can be viewed on the LDEQ Permits public Web page at [WWW.deq.state.la.us/news/PubNotice/](http://www.deq.state.la.us/news/PubNotice/).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at http://www.state.la.us/ldbc/listservpage/ldeq_pn_listserv.htm.

All correspondence should specify:

No. 2 Crude/Coker Units - AI Number 1376 / Permit Number 2933-V0 / PER19960005

Wastewater Treatment Plant - AI Number 1376 / Permit Number 2822-V0 / PER19960006

This notice is being published in the following newspapers: The St. Bernard Voice, The Advocate, The Times Picayune and Plaquemine Gazette.

Publication dates: November 25, 2005 & December 9, 2005

AIR PERMIT BRIEFING SHEET
PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA

I. Background

Chalmette Refining, L.L.C. (CRLLC) is a joint venture between ExxonMobil Corporation (EMOC) and Petroleos de Venezuela (PDV), the Venezuelan National Oil Company. Chalmette Refinery is located on the left descending bank of Mississippi River at Mile 89 above Head-of-Passes at Chalmette and is operated by EMOC. The facility operates under a consolidated State Permit No. 2500-00005-02 dated November 18, 1988. Other Permits Nos. 2226(M-3) dated 11/27/1996 and 2822 dated January 29, 2003 were issued in the past. Other permits were also issued since 1988. This permit deals with the Wastewater Treatment Plant (WWTP) consisting of water collection, oil and solids separation, and biological treatment equipment.

II. Origin

This review was initiated by an application and Emission Inventory Questionnaire (EIQ) submitted on October 14, 1996 and an updated application and EIQ dated August 5, 2005 for the Wastewater Treatment Plant. Additional information dated August 26 and November 8, 2005 was also received.

III. Description

Chalmette Refinery is an integrated crude operation (high conversion), which includes crude distillation, catalytic reforming, fluid catalytic cracking (FCC), hydrocracking, HF alkylation, delayed coking, and aromatics processing units. The refinery is capable of producing benzene/toluene/xylene (BTX), distillates, and sulfur recovery as well as by-products such as petroleum coke and LPG. The WWTP treats the process wastewater and process area stormwater at the facility.

The WWTP consists of the following:

Water Collection: This unit receives process wastewater and process area stormwater from the refinery and feeds it to the refinery API separator from processing or to stormwater storage tanks for retention until WWTP is able to process. The refinery also has a segregated stormwater collection system, which collects non-process area stormwater run-off.

Oil and Solids Separation: Consists of an API separator for primary oil and solids separation followed by Induced Air Floatation (IAF) for secondary oil and solids separation. The API separator receives water from the refinery water collection system

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PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA**

and removes free oil and easily settled solids. The API effluent water is then pumped to an equalization tank. The collected oil from the API is sent to slop oil tanks for recovery and the bottoms solids are removed for further processing or outhaul.

From the equalization tank, the water is pumped to an IAF unit where air is used to float the remaining insoluble oil and solids to the surface for removal. The float material is skimmed from IAF and sent to a CPI concentrator where the solids are thickened and transferred to thickener tanks for further processing. The float may also bypass the CPI concentrators and be returned back to the API.

Biological Treatment: The IAF effluent water passes through a cooling tower to reduce the wastewater to a suitable temperature for biological treatment. The cooling tower effluent water is then sent to an aboveground, Integrated BIOX System, where process wastewater is mixed with activated sludge to reduce soluble contaminants through microbial digestion. The microorganisms are then separated from the processed water and retained in the Integrated BIOX System.

A small amount of microorganisms are regularly purged to maintain system health. The purged microorganisms are sent to an aerobic digester followed by a rotating drum thickener for dewatering prior to outhaul. The purge may also be sent to a thickener tank for further processing.

Process Water Discharge: The processed water from the Integrated BIOX System gravity flows to a clean water sump from which it is pumped to an outfall on the Mississippi River.

Non-Process Area Stormwater Discharge: The non-process area stormwater is routed to a separate clean water sump, which is pumped to the Mississippi River.

The WWTP is currently undergoing a modification to replace the existing biological reactor lagoons (BRLs) with an Above Ground Integrated BIOX System. The project was approved under Permit No. 2822 dated January 29, 2003. After the startup of the BIOX System, the existing BRL will be put in a standby mode for approximately one year and will be used in the future only as an emergency backup until an approved closure plan is implemented.

Chalmette Refinery is proposing several "as built" changes to the approved project in Permit No. 2822. The changes are as follows: 1) The project start up is expected to be in the fourth quarter of 2005; 2) The cooling tower physical design has been scaled down from six cells to five cells; 3) Sump No. 1 will not be modified as planned instead a 6,000 gpm electric driven pump will be installed at the API separator; 4) Tank 1009 will be

**AIR PERMIT BRIEFING SHEET
PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA**

utilized as an equalization tank or the IAF's will be operated in series; 5) New Tank D-3721 will now have an external floating roof instead of an open top; 6) Clearwell effluent pump capacity will be changed to 3,600 gpm from 3,300 gpm; and 7) The Power Distribution Center (PDC) and the Environmental Monitoring Center (EMC) design have been altered, no effect on emissions.

Additionally, the TOXCHEM+ model that is used for the emissions estimates has been updated based on the most recent data available for the project and the WWTP operation.

Permitted emissions from the Utilities Plant in tons per year are as follows:

<u>Pollutant</u>	<u>Emissions</u>
PM ₁₀	0.19
SO ₂	0.01
NO _x	25.33
CO	11.07
VOC	252.55

IV. Type of Review

This application was reviewed for compliance with the Louisiana Part 70 operating permit program, Louisiana Air Quality Regulations, NSPS, and NESHAP. Prevention of Significant Deterioration does not apply. The facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. The Air Toxic Compliance plan was approved on March 13, 1996, the LDAR provisions were approved on October 11, 1996 and the SOCMI HON wastewater provisions were approved on May 21, 1996. The facility has submitted a Part 1 application as required by the Clean Air Act Amendments 112(j).

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions

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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA

limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in The Advocate, Baton Rouge, Louisiana and The St. Bernard Voice, Arabi, Louisiana, on October **, 2005. Written and oral comments received during the comment period from the general public and organizations will be considered before issuing the permit. Copies of the public notice were mailed out to individuals on the mailing list maintained by Office of Environmental Services on October **, 2005. The proposed permit was sent to EPA via e-mail on October **, 2005.

VII. Effects on Ambient Air

Dispersion Model Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration ($\mu\text{g}/\text{m}^3$)	Louisiana Air Quality Standard (NAAQS) ($\mu\text{g}/\text{m}^3$)
None			

VIII. General Condition XVII Activities

Equipment Maintenance/Preparation and Other Routine Activities	3,600 events/yr
NO _x	2.77 tons/yr
CO	0.24 tons/yr
SO ₂	0.73 tons/yr
PM ₁₀	0.24 tons/yr
VOC	3.19 tons/yr

IX. Insignificant Activities

ID No.:	Description	Citation
-	Organic Liquids Storage Tanks (Less than 250 gals)	LAC 33:III.501.B.5.A.2
-	Storage Tanks (Less than 10,000 gals)	LAC 33:III.501.B.5.A.3
-	Inorganic Liquids Storage Tanks	LAC 33:III.501.B.5.A.4
-	Emission from Laboratory Equipment/vents	LAC 33:III.501.B.5.A.6

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA**

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																	
		5	9	11	13	15	2103	2109	2111	2113	2121	2139	2141	2301	29*	51*	52	56	59
GRP025	Wastewater Treatment Plant	1	1	1	1			2		1		2		2		1	1	1	1
EQT043	86, Thermal Oxidizer		1	1	1												1		
EQT049	CT-WWTP, Cooling Tower			2													1		
FUG004	FE-WWTP, Fugitive Emissions							2									1		
EQT050	TK-1008, WW Tank							2									1		
EQT051	TK-1009, WW Tank							2									1		
EQT052	TK-1013, WW Tank							2									1		
EQT044	TK-1016, Sulfuric Acid Tank							2									1		
EQT053	TK-1017, WW Tank							2									1		
EQT045	TK-30, Stormwater Tank							2									1		
EQT046	TK-3721, Stormwater Tank							2									1		
EQT054	TK-5501, Thickening Tank							2									1		
EQT055	TK-5502, Thickening Tank							2									1		
EQT056	TK-E-9, Water Storage Tank							2									1		
EQT047	VT, Vacuum Trucks																1		
EQT048	WWTP, Wastewater Treatment																1		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA**

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																
		5	9	11	13	15	2103	2109	2111	2113	2121	2139	2141	2301	29*	51*	52	56
KEY TO MATRIX																		
1	-The regulations have applicable requirements which apply to this particular emission source.																	
	-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.																	
2	-The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.																	
3	-The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.																	
Blank	- The regulations clearly do not apply to this type of emission source.																	
*	The regulations indicated above are State Only regulations except for LAC 33:III.501.C.6 Limitations that specifically state that the regulation is Federally Enforceable.																	

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA**

X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS												40 CFR 61						40 CFR 63 NESHAP						40 CFR			
		A	J	K	Ka	Kb	VV	GGG	QQQ	YYY	A	J	M	V	FF	A	F	G	CC	Q	4Fs	68	82						
GRP025	Wastewater Treatment Plant	1								½	2	1	2	1	2	1	1	1				2	1	1					
EQT043	86, Thermal Oxidizer	1																				2	1						
EQT049	CT-WWTP, Cooling Tower									2							1	1	1	1		2							
FUG004	FE-WWTP, Fugitive Emissions									2	1				2														
EQT050	TK-1008, WW Tank	2	2	2																		1	1						
EQT051	TK-1009, WW Tank	2	2	2																		1	1						
EQT052	TK-1013, WW Tank	2	2	2																		1	1						
EQT044	TK-1016, Sulfuric Acid Tank	2	2	2																		2							
EQT053	TK-1017, WW Tank	2	2	2																		1	1						
EQT045	TK-30, Stormwater Tank	2	2	2																		1	1						
EQT046	TK-3721, Stormwater Tank	2	2	2																		1	1						
EQT054	TK-5501, Thickening Tank	2	2	2																		1	1						
EQT055	TK-5502, Thickening Tank	2	2	2																		1	1						

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
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X. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS												40 CFR 61						40 CFR 63 NESHAP					
		A	J	K	Ka	Kb	VV	GGG	QQQ	YYY	A	J	M	V	FF	A	F	G	CC	Q	4Fs	68	82		
EQT056	TK-E-9, Water Storage Tank				2	2	2													1	1				
EQT047	Vacuum Trucks																		1	1	1				
EQT048	WWTP, Wastewater Treatment																	1	1	1					

KEY TO MATRIX

- 1 - The regulations have applicable requirements which apply to this particular emission source.
 - The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements which apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criteria, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, and fugitives) but do not apply to this particular emission source.
Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA**

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
Wastewater Treatment Plant	NSPS, Subpart YYY – VOC Emissions from SOCM1 Wastewater	Does not apply	40 CFR 60.	Not yet final
	NESHAP, Subpart J – National Emission Standard for Equipment Leaks of Benzene	Does not apply	40 CFR 61.110(c)(3)	Streams contain less than 10% by weight of benzene
	NESHAP, Subpart FFFF – Miscellaneous Organic Chemical Manufacturing	Does not apply	40 CFR 63.2435(b)	The source is not associated with a MCPU and/or is part of an affected source under another NESHAP, 40 CFR 63
	NSPS, Subpart QQQ – Standards of Performance for VOC Emissions From Petroleum Refinery Wastewater Systems	Applicability Determination	40 CFR 60.690	Currently under review. Permittee shall update or modify the permit based on the determination made under the settlement.
EQT043 86, Thermal Oxidizer F-1400	NESHAP, Subpart G – SOCMI HON Process Vent Provisions	Does not apply	40 CFR 63.113(a)	Does not receive any HON process vents. No controls required
EQT049 Cooling Tower CT-WWTP	NESHAP, Subpart Q – Cooling Towers	Does not apply	40 CFR 63.400(a)	Cooling tower water treatment chemicals do not contain chromium or chromium compounds
	Emission Standard for Particulate Matter, Emission Limits	Does not apply	LAC 33:III.1311.F	Uncombined water is present which will prevent to meet the requirements
FE-WWTP	Control of Emissions of Organic Compounds – Pumps and Compressors	Does not apply	LAC 33:III.2111.A	Total vapor pressure of VOCs is less than 1.5 psia
	NESHAP, Subpart V – National Emission Standard for Equipment Leaks of VHAP	Does not apply	40 CFR 61.240(a)	Streams contain less than 10% by weight of VHAP

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AGENCY INTEREST NO. 1376
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XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT050, EQT051, EQT052 Wastewater Tanks TK-1008, TK-1009, TK-1013	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the material is less than 1.5 psia
EQT044 Sulfuric Acid Tank TK-1016	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Tanks constructed prior to June 11, 1973 and not modified or reconstructed since
EQT053 Wastewater Tank TK-1017	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	Tanks do not store VOC
EQT045, EQT046 Stormwater Tanks TK-30, TK-3721	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Tanks do not store petroleum liquids or VOC
	NESHAP, Subpart F – NESHAP from SOCMII NESHAP, Subpart CC – Petroleum Refineries, Storage Vessels	Does not apply	40 CFR 63.101 40 CFR 63.641	The capacity of the tank is less than the threshold Tanks capacity less than 40 cubic meters (10,567 gal)
	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	The max. total vapor pressure of the material is less than 1.5 psia
	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Tanks do not store petroleum liquids or VOC
	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds	Does not apply	LAC 33:III.2103.A	Tank capacity and vapor pressure The max. total vapor pressure of the material is less than 1.5 psia

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA**

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
EQT045 Stormwater Tank TK-30	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Tank constructed prior to June 11, 1973 and not modified or reconstructed since
EQT046 Stormwater Tank TK-3721	NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	Tank constructed prior to June 11, 1973 and not modified or reconstructed since
EQT054, EQT055 Thickening Tanks TK-5501, TK-5502	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds NSPS, Subpart K NSPS, Subpart Kb	Does not apply	LAC 33:III.2103.A 40 CFR 60.110 40 CFR 60.110b	The tank capacity is greater than 40,000 gallons with a total vapor pressure of less than 0.51 psia
NSPS, Subpart Ka	Exempt	40 CFR 60.115a(d)(1)		Tanks constructed prior to June 11, 1973 and not modified or reconstructed since
EQT056 Water Storage Tank TK-E-9	Control of Emissions of Organic Compounds – Storage of Volatile Organic Compounds NSPS, Subpart K NSPS, Subpart Ka NSPS, Subpart Kb	Does not apply	LAC 33:III.2103.A 40 CFR 60.110 40 CFR 60.110a 40 CFR 60.110b	The tank stores a material that has a true vapor pressure of less than 1 psia
API Effluent	NA	NA		Tanks constructed prior to June 11, 1973 and not modified or reconstructed since.
				Routed to API Thermal Oxidizer, Emission Point 86

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

WASTEWATER TREATMENT PLANT
AGENCY INTEREST NO. 1376
CHALMETTE REFINING, L.L.C., CHALMETTE REFINERY
CHALMETTE, ST. BERNARD PARISH, LOUISIANA

XI. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Status	Citation	Explanation
The above table provides explanation for both the exemption status or non-applicability of a source cited by 2 or 3 in the matrix presented in Section X of this permit				

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
 1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.
[LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence

40 CFR PART 70 GENERAL CONDITIONS

that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
 - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a

40 CFR PART 70 GENERAL CONDITIONS

written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

- a. Report by June 30 to cover January through March
- b. Report by September 30 to cover April through June
- c. Report by December 31 to cover July through September
- d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

- 1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
- 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
- 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
- 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
- 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
- 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-Form 7030_r12
10/12/05

40 CFR PART 70 GENERAL CONDITIONS

depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire (EIQ) dated October 14, 1996 and an updated application and EIQ dated August 5, 2005; along with supplemental information dated August 26 and November 8, 2005.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September
 4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

prosecution of all violations found.

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 1376 Chalmette Refining LLC - Chalmette Refinery
 Activity Number: PER19960006
 Permit Number: 2822-V0
 Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
	2500-0005	Chalmette Refining LLC - Chalmette Refinery	CDS Number	05-27-1993
	2500-0005	Chalmette Refining LLC - Chalmette Refinery	Emission Inventory	03-03-2004
13-5401570	LAD008179707	Mobil Oil Corp	Federal Tax ID	08-07-2002
PMT/CA		Chalmette Refining LLC	Hazardous Waste Notification	10-22-2002
00597	LA0004260	GPRA Baselines	Hazardous Waste Permitting	10-01-1997
WP0569	WP3391	Chalmette Refining	Inactive & Abandoned Sites	11-23-1999
LA-2247-L01	GD-087-1774	WPC File Number	LPDES Permit #	05-22-2003
6264	GD-087-1774	WPC State Permit Number	LWDPS Permit #	06-25-2003
19637	36173	WPC State Permit Number	Radiation License Number	06-25-2003
	38796	Radioactive Material License	Radiation X-ray Registration Number	01-19-1999
	44916	X-Ray Registration Number	Solid Waste	11-21-1999
	45047	Mobil Oil Corp	Solid Waste Facility No.	01-08-2002
	47202	Exxon Co USA - Chalmette Terminal	TEMPO Merge	11-21-1999
	2500-0005	Site ID #	TEMPO Merge	04-24-2001
70143TNNCL500WE		Mobil Oil Corp	TEMPO Merge	04-26-2001
01-269		ExxonMobil Oil Corp - Chalmette Refining LLC	TEMPO Merge	12-16-2003
44-015380		Mobil Oil Corp - Chalmette Refinery	TEMPO Merge	05-22-2001
		Chalmette Refining LLC - A Delaware Ltd Liability Co	TEMPO Merge	03-28-2001
		Mobil Oil Corp - Chalmette Refinery	TEMPO Merge	10-02-2001
		Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
		TRI#	Toxic Release Inventory	07-09-2004
		Motor Fuel Delivery Certificate #	Underground Storage Tanks	08-07-2002
		UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-12-2002
Physical Location:		500 W St Bernard Hwy Chalmette, LA 70044 1007	Main FAX:	5042811365
Mailing Address:		PO Box 1007 Chalmette, LA 70044 1007	Main Phone:	5042811212
Location of Front Gate:		29° 55' 77" 77 hundreds latitude, 89° 58' 36" 25 hundreds longitude, Coordinate Method: GPS Code (Psuedo Range) Precise Position, Coordinate Datum: NAD83	Phone (Type)	<u>Relationship</u>
Related People:	Name	Mailing Address		
	Robert Cooper	PO Box 1007 Chalmette, LA 70044 1007	5042320276 (WP)	Katrina Response Contact for
	Chris Daigle	PO Box 1007 Chalmette, LA 70044 1007	5042811305 (WP)	Radiation Safety Officer for
	Loretta Faulstich			Solid Waste Billing Party for

Page 1 of 2

TFQRO148

General Information

AI ID: 1376 Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER199960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Loretta Faulstich	PO Box 1007 Chalmette, LA 700441007	5042811305 (WP)	Haz. Waste Billing Party for
	Claudine Gorman	PO Box 1007 Chalmette, LA 700441007	5042811989 (WP)	Air Permit Contact For
	Claudine Gorman	PO Box 1007 Chalmette, LA 700441007	5042811989 (WP)	Accident Prevention Contact for
	Craig Joseph	PO Box 1007 Chalmette, LA 700441007		Water Billing Party for
	Dana Kelly	PO Box 1007 Chalmette, LA 700441007		Radiation Contact For
	Cathy Morler	PO Box 1007 Chalmette, LA 700441007	5042811544 (WP)	Accident Prevention Billing Party for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Chalmette Refining LLC	PO Box 1007 Chalmette, LA 700441007		Air Billing Party for
	Chalmette Refining LLC	PO Box 1007 Chalmette, LA 700441007		Radiation License Billing Party for
	Chalmette Refining LLC	PO Box 1007 Chalmette, LA 700441007		Owns
	Chalmette Refining LLC	PO Box 1007 Chalmette, LA 700441007		Radiation Registration Billing Party for
	ExxonMobil Oil Corp	500 W St Bernard Hwy Chalmette, LA 70043		Accident Prevention Billing Party for
	ExxonMobil Oil Corp	PO Box 1007 Chalmette, LA 700441007		UST Billing Party for
	ExxonMobil Oil Corp	PO Box 1007 Chalmette, LA 700441007		Operates

INVENTORIES

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery
 Activity Number: PER19960006
 Permit Number: 2822-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT043	86, Thermal Oxidizer F-1400			3 MM BTU/hr		8760 hr/yr (All Year)
EQT044	TK-1016, Sulfuric Acid Tank	5176 gallons				8760 hr/yr (All Year)
EQT045	TK-30, Stormwater Tank	1.96 million gallons				8760 hr/yr (All Year)
EQT046	TK-3721, Stormwater Tank	5.03 million gallons				8760 hr/yr (All Year)
EQT047	VT, Vacuum Trucks		40 (other units)	Truckload per day		8760 hr/yr (All Year)
EQT048	WWTP, Wastewater Treatment Plant (API section controlled)		6000 gallons/min			8760 hr/yr (All Year)
EQT049	CT-WWTP, Cooling Tower					8760 hr/yr (All Year)
EQT050	TK-1008, Wastewater Tank	2.29 million gallons				8760 hr/yr (All Year)
EQT051	TK-1009, Wastewater Tank	2.29 million gallons				8760 hr/yr (All Year)
EQT052	TK-1013, Wastewater Tank	2.28 million gallons				8760 hr/yr (All Year)
EQT053	TK-1017, Wastewater Tank	2.35 million gallons				8760 hr/yr (All Year)
EQT054	TK-5501, Thickening Tank	276161 gallons				8760 hr/yr (All Year)
EQT055	TK-5502, Thickening Tank	276161 gallons				8760 hr/yr (All Year)
EQT056	TK-E-9, Water Storage Tank	1.58 million gallons				8760 hr/yr (All Year)
FUG004	FE-WWTP, Fugitives					8760 hr/yr (All Year)

Relationships:

ID	Subject Item	Description	Included Components (from Above)
GRP025	Wastewater Treatment Plant		EQT43 86, Thermal Oxidizer F-1400
GRP025	Wastewater Treatment Plant		EQT44 TK-1016, Sulfuric Acid Tank
GRP025	Wastewater Treatment Plant		EQT45 TK-30, Stormwater Tank
GRP025	Wastewater Treatment Plant		EQT46 TK-3721, Stormwater Tank
GRP025	Wastewater Treatment Plant		EQT47 VT, Vacuum Trucks
GRP025	Wastewater Treatment Plant		EQT48 WWTP, Wastewater Treatment Plant (API section controlled)
GRP025	Wastewater Treatment Plant		EQT49 CT-WWTP, Cooling Tower
GRP025	Wastewater Treatment Plant		EQT56 TK-E-9, Water Storage Tank
GRP025	Wastewater Treatment Plant		FUG4 FE-WWTP, Fugitives

Stack Information:

ID	Subject Item	Relationship	Controlled by	Subject Item
EQT48	WWTP, Wastewater Treatment Plant (API section controlled)			EQT43 86, Thermal Oxidizer F-1400

INVENTORIES

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP025	1	1,000 BBL/Day	0720 - Petroleum Refining (Rated Capacity)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀		SO ₂		NOx		CO		VOC	
	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr
EQT 043 86	0.04	0.07	0.003	0.01	5.78	11.57	2.53	5.05	0.38	0.76
EQT 045 TK-30									0.17	
EQT 046 TK-3721									0.42	
EQT 047 VT									12.30	19.68
EQT 048 WWTP	0.01								42.12	
FUG 004 FE-WWTP									2.28	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 0.19 tons/yr

SO2: 0.01 tons/yr

NOx: 25.33 tons/yr

CO: 11.07 tons/yr

VOC: 252.55 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AJ ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air : Title V Regular Permit Initial
Filing Number: 2022-V3

All phases

1,3-Butadiene		2,2,4-Trimethylpentane				Acrylamide				Ammonia				Benzene	
Subject Item		Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr
EQT 043 B6	<	0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.01	0.02	< 0.001	< 0.001	< 0.001	< 0.001
EQT 044 TK-1016															
EQT 045 TK-30					0.002					0.17			0.004		
EQT 046 TK-3721					0.005					0.09			0.01		
EQT 047 VT						0.06	0.09			0.03	0.05		0.32	0.51	
EQT 048 WWTP		0.03				0.07			< 0.001		18.13		0.81		
FUG 004 FE-WWTP	<	0.001				0.01			< 0.001			0.02	0.07		

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

All phases

Biphenyl		Carbon disulfide		Chlorobenzene		Cresol		Cumene	
Subject Item	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr
EQT 043 86	0.001	0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.001	< 0.001	< 0.001
EQT 044 TK-1016									
EQT 045 TK-30	< 0.001								0.004
EQT 046 TK-3721	< 0.001								0.01
EQT 047 VT	< 0.001	< 0.001			< 0.001	< 0.001			< 0.001
EQT 048 WWTP	0.41		< 0.001				0.63		0.26
FUG 004 FE-WWTP	0.002		< 0.001				0.002		0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

All phases

Dichloromethane		Ethyl benzene		Hydrogen sulfide		Methanol		Methyl Tertiary Butyl Ether	
Subject Item	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr
EQT 043 86	< 0.001	< 0.001	< 0.001	0.001			0.004	0.01	< 0.001
EQT 044 TK-1016									
EQT 045 TK-30		0.01			0.005				0.02
EQT 046 TK-3721		0.02			0.003				0.04
EQT 047 VT	< 0.001	< 0.001	0.01	0.02	0.003	0.005	0.09	0.14	
EQT 048 WWTP	0.02		0.83		0.20		6.05		0.08
FUG 004 FE-WWTP			0.03		< 0.001		0.02		< 0.001

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

All phases

Methyl ethyl ketone			Methyl isobutyl ketone			Naphthalene (and Methyl naphthalenes)			Phenol			Polynuclear Aromatic Hydrocarbons		
Subject Item	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr
EQT 043 86	< 0.001	< 0.001						< 0.001	< 0.001			< 0.001	< 0.001	
EQT 044 TK-1016														
EQT 045 TK-30					0.001									
EQT 046 TK-3721					0.002									
EQT 047 VR					< 0.001	< 0.001								
EQT 048 WWTP	0.24		< 0.001		1.65			0.24			0.29			
FUG 004 FE:WWTP	0.001		< 0.001		0.09			0.002						

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

All phases

Quinoline			Styrene			Sulfuric acid			Tetrachloroethylene			Toluene		
Subject Item	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Avg lb/hr	Max lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Total
EQT 043 86						<	0.001	<	0.001		0.003	0.005	0.01	
EQT 044 TK-1016						<	0.001							
EQT 045 TK-30	0.001					<	0.001				0.01			
EQT 046 TK-3721	0.001					0.002					0.02			
EQT 047 VT														
EQT 048 WWTP												9.07		
FUG 004 FE-WWTP	0.001		0.07			<	0.001	<	0.001		0.32			

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

All phases

Subject Item	Trichloroethylene			Xylenes (mixed isomers)			<i>n</i> -Hexane		
	Avg lb/hr	Max lb/hr	Avg lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr	Avg lb/hr	Max lb/hr
EQT 043 86	< 0.001	< 0.001		0.003	0.01			< 0.001	< 0.001
EQT 044 TK-1016									
EQT 045 TK-30			0.03					0.01	
EQT 046 TK-3721			0.06					0.03	
EQT 047 VR			0.14	0.22				0.13	0.21
EQT 048 WWTP	< 0.001			7.05				0.35	
FUG 004 FE-WWTP	< 0.001			0.07				0.07	

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

1,3-Butadiene: 0.12 tons/yr
 2,2,4-Trimethylpentane: 0.62 tons/yr
 Acrylamide: <0.003 tons/yr
 Ammonia: 80.82 tons/yr
 Benzene: 5.32 tons/yr
 Biphenyl: 1.82 tons/yr
 Carbon disulfide: 0.001 tons/yr
 Chlorobenzene: <0.001 tons/yr
 Cresol: 2.75 tons/yr
 Cumene: 1.19 tons/yr
 Dichloromethane: 0.09 tons/yr
 Ethyl benzene: 3.93 tons/yr
 Hydrogen sulfide: 0.92 tons/yr
 Methanol: 27.01 tons/yr
 Methyl isobutyl ketone: 1.04 tons/yr
 Methyl isobutyl ketone: <0.002 tons/yr

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

All phases

Methyl Tertiary Butyl Ether: 0.63 tons/yr

n-Hexane: 2.61 tons/yr

Naphthalene (and Methyl naphthalenes): 7.63 tons/yr

Phenol: 1.06 tons/yr

Polynuclear Aromatic Hydrocarbons: 1.27 tons/yr

Quindoline: <0.003 tons/yr

Syrene: 0.31 tons/yr

Sulfuric acid: <0.01 tons/yr

Tetrachloroethylene: 0.001 tons/yr

Toluene: 42.05 tons/yr

Trichloroethylene: <0.003 tons/yr

Xylene (mixed isomers): 32.13 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

EQT043 86, Thermal Oxidizer F-1400

- 1 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Month: All Year Statistical Basis: None specified
- 2 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1311.C]

Which Month: All Year Statistical Basis: Six-minute average

- 3 Sulfur dioxide: Compliance with all the applicable requirements of NSPS, Subpart J is considered compliance with all the applicable requirements of LAC 33:III.Chapter 15 - Emission Standards for Sulfure Dioxide, Emission Limitation. [LAC 33:III.1503.C]

4 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. [LAC 33:III.5109.A]

- 5 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

6 Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]

Which Month: All Year Statistical Basis: None specified

- 7 Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]

Which Month: All Year Statistical Basis: None specified

- 8 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.106, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart J. [40 CFR 60.106(a)]

9 Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J. [40 CFR 60.106]

- 10 Group 2 Miscellaneous Process Vents: Permittee shall comply with all the applicable requirements of NESHAP, Subpart CC - 40 CFR 63.654. [40 CFR 63.654]

EQT044 TK-1016, Sulfuric Acid Tank

- 11 The source emits Class III toxic air pollutant. MACT is not required. [LAC 33:III.5109.A]

EQT045 TK-30, Stormwater Tank

- 12 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 63.146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

- 13 Submit Notification of Compliance Status: Due within 150 days after the compliance dates specified in 40 CFR 63.640(h). Include the information specified in 40 CFR 63.654(f)(1) through (f)(5). Subpart CC. [40 CFR 63.654(f)]

EQT046 TK-3721, Stormwater Tank

- 14 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 63.146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

- 15 Submit Notification of Compliance Status: Due within 150 days after the compliance dates specified in 40 CFR 63.640(h). Include the information specified in 40 CFR 63.654(f)(1) through (f)(5). Subpart CC. [40 CFR 63.654(f)]

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

EQT047 VT, Vacuum Trucks

- 16 Maintenance wastewater: Implement the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
- 17 Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]
- 18 Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F. [40 CFR 63.105]
- 19 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]
- 20 Comply with the provisions of 40 CFR 63 Subpart G Table 35 for each item of equipment meeting all the criteria specified in 40 CFR 63.149(b) through (d) and either (e)(1) or (e)(2). Subpart G. [40 CFR 63.149(a)]
- 21 Comply with the requirements of 40 CFR 61.340 through 61.355 of 40 CFR part 61, subpart FF, except as provided in 40 CFR 63.647(b). Subpart CC. [40 CFR 63.647(a)]
- 22 Comply with the recordkeeping and reporting provisions in 40 CFR 61.356 and 61.357 of 40 CFR 61 Subpart FF, unless complying with the wastewater provisions specified in 40 CFR 63.640(o)(2)(ii). Subpart CC. [40 CFR 63.654(a)]

EQT048 WWTP, Wastewater Treatment Plant

- 23 Permittee shall comply with all the applicable requirements of NESHAP, Subpart F for Maintenance Wastewater Requirements. Subpart F. [40 CFR 63.105]
- 24 Determine whether each wastewater stream requires control for Table 9 compounds by complying with the requirements in 40 CFR 63.132(a)(1)(i) or (a)(1)(ii), and (a)(1)(iii). Subpart G. [40 CFR 63.132(a)(1)]
- 25 Determine total annual average concentration of Table 9 compounds according to the procedures in 40 CFR 63.144(b), and determine annual average flow rate according to the procedures in 40 CFR 63.144(c), to determine whether a wastewater stream is Group 1 or Group 2 for Table 9 compounds. Subpart G. [40 CFR 63.132(c)]
- 26 Do not discard liquid or solid organic materials with a concentration of greater than 10,000 ppm of Table 9 compounds (as determined by analysis of the stream composition, engineering calculations, or process knowledge, according to the provisions of 40 CFR 63.144(b)) from a chemical manufacturing process unit to water or wastewater, unless the receiving stream is managed and treated as a Group 1 wastewater stream. Subpart G. [40 CFR 63.132(f)]
- 27 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records specified in 40 CFR 63.147(a) through (f), as applicable. Subpart G. [40 CFR 63.147]
- 28 Comply with the provisions of 40 CFR 63 Subpart G Table 35 for each item of equipment meeting all the criteria specified in 40 CFR 63.149(b) through (d) and either (e)(1) or (e)(2). Subpart G. [40 CFR 63.149(a)]

EQT049 CT-WWTP, Cooling Tower

- 29 Maintenance wastewater: Implement the procedures described in 40 CFR 63.105(b) and (c) as part of the start-up, shutdown and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(d)]
- 30 Maintenance wastewater: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain a record of the information required by 40 CFR 63.105(b) and (c) as part of the start-up, shut-down, and malfunction plan required under 40 CFR 63.6(e)(3). Subpart F. [40 CFR 63.105(e)]

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

EQT049 CT-WWTP, Cooling Tower

- 31 Maintenance wastewater: Prepare a description of maintenance procedures for the management of wastewaters generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns as specified in 40 CFR 63.105(b)(1) through (b)(3). Modify and update the information required by 40 CFR 63.105(b) as needed following each maintenance procedure based on the actions taken and the wastewaters generated in the preceding maintenance procedure. Subpart F. [40 CFR 63.105]
- 32 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

EQT050 TK-1008, Wastewater Tank

- 33 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

EQT051 TK-1009, Wastewater Tank

- 34 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

EQT052 TK-1013, Wastewater Tank

- 35 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

EQT053 TK-1017, Wastewater Tank

- 36 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

EQT054 TK-5501, Thickening Tank

- 37 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

EQT055 TK-5502, Thickening Tank

- 38 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

EQT056 TK-E-9, Water Storage Tank

- 39 Group 2: Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records and report as specified in 40 CFR 146(b)(1) and 63.147(b)(8), as applicable. Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

FUG004 FE-WWTP, Fugitives

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

FUG004 FE-WWTP, Fugitives

- 40 Compliance with all the applicable requirements of NSPS, Subpart GGG for all components in non HAP/LTAP service is considered compliance with all the applicable requirements of LAC 33:III.2121 - Fugitive Emissions Controls per LAC 33:III.2121.C.5 as per letter dated March 24, 2005. [LAC 33:III.2121.C.5]
- 41 The number of each type of components required to be monitored for each monitoring period under applicable leak detection and repair programs shall be reported to the LDEQ by inclusion with each periodic monitoring report. Fugitive emission piping components may be added to or removed from the permitted units, without triggering the need to apply for a permit modification, provided: A) Changes in components involve routine maintenance or are undertaken to address safety concerns or involve small piping revisions with no associated emissions increases except from the fugitive emission components themselves; B) The changes do not involve any associated increase in the production rate or capacity, or tie in of new or modified process equipment other than the piping components; C) Actual emissions following the changes will not exceed the emission limits contained in this permit; and D) The components are promptly incorporated into any applicable leak detection and repair program. [LAC 33:III.501.C.6]
- 42 Demonstrating compliance with the requirements of 40 CFR 60.482-1 thru 40 CFR 60.482-10 for all equipment is considered compliance with NSPS, Subpart GGG. [40 CFR 60.590-593]
- 43 Comply with the requirements of 40 CFR 60.482-1 to 482-10 as per the approved letter dated March 24, 2005. Subpart GGG. [40 CFR 60.592(a)]
- 44 Comply with the provisions of 40 CFR 60.485 except as provided in 40 CFR 60.593. Subpart GGG. [40 CFR 60.592(d)]
- 45 Comply with the provisions of 40 CFR 60.486 and 60.487. Subpart GGG. [40 CFR 60.592(e)]

GRP025 Wastewater Treatment Plant

- 46 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
- 47 Outdoor burning of waste material or other combustible material is prohibited. [LAC 33:III.1109.B]
- 48 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
- 49 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 50 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]
- 51 Control emissions of VOC from steam jet ejectors and mechanical pumps by one of the applicable methods specified in LAC 33:III.2115.A, B, and F. Determine compliance and keep records as specified in LAC 33:III.2115.I, J, and K. [LAC 33:III.2139.A]
- 52 Control emissions of VOC from a hot-well with a contact condenser by covering the hot-well and controlling the vapors by one of the applicable methods specified in LAC 33:III.2115.A, B, and F. Determine compliance and keep records as specified in LAC 33:III.2115.I, J, and K. [LAC 33:III.2139.B]
- 53 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.2119]
- 54 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]
- 55 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]
- 56 Carbon monoxide <= 11.07 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery
Activity Number: PER19960006
Permit Number: 2822-V0
Air - Title V Regular Permit Initial

GRP025 Wastewater Treatment Plant

- 57 Nitrogen oxides <= 25.33 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
58 Particulate matter (10 microns or less) <= 0.19 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
59 Sulfur dioxide <= 0.01 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
60 VOC, Total <= 252.55 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
61 1,3-Butadiene <= 0.12 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
62 2,2,4-Trimethylpentane <= 0.62 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
63 Acrylamide < 0.003 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
64 Ammonia <= 80.82 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
65 Benzene <= 5.32 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
66 Biphenyl <= 1.82 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
67 Carbon disulfide <= 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
68 Chlorobenzene < 0.001 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
69 Cresol <= 2.75 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
70 Cumene <= 1.19 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
71 Ethyl benzene <= 3.93 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
72 Hydrogen sulfide <= 0.92 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
73 Methanol <= 27.01 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
74 Methyl ethyl ketone <= 1.04 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
75 Methyl isobutyl ketone < 0.002 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
76 Methyl Tertiary Butyl Ether <= 0.63 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

GRP025 Wastewater Treatment Plant

77 Naphthalene (and Methyl naphthalenes) <= 7.63 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum
n-Hexane <= 2.61 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

79 Phenol <= 1.06 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

80 Polynuclear Aromatic Hydrocarbons <= 1.27 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

81 Quinoline < 0.003 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

82 Styrene <= 0.31 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

83 Tetrachloroethylene <= 0.001 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

84 Toluene <= 42.05 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

85 Trichloroethylene < 0.003 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

86 Xylene (mixed isomers) <= 32.13 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

87 Until a settlement is reached with EPA and LDEQ on related air quality issues, the permittee shall operate all emissions sources in compliance with the interim or permitted emission limitations, monitoring and reporting requirements contained in Appendix A of the Administrative Order on Consent dated May 25, 2005 in lieu of the emission limitations and associated requirements contained in Preventive Significant Deterioration Permit No. PSD-LA-199. Upon completion of a settlement on the related issues with EPA and LDEQ, the permittee shall, within three (3) months after issuance of all of the Part 70 permits for the entire refinery, submit an application to revise and update PSD-LA-199 to incorporate the settlement requirements in their entirety. [LAC 33:III.501.C.6, 40 CFR 52.21]

88 Dichromethane <= 0.09 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

89 Sulfuric acid < 0.01 tons/yr. [LAC 33:III.501.C.6]

Which Months: All Year Statistical Basis: Annual maximum

90 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III. Chapter 51. Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III. Chapter 51. Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]

91 Do not cause a violation of any ambient air standard listed in LAC 33:III. Table 51-2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]

92 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]

93 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III. Chapter 51. Subchapter A. [LAC 33:III.5105.A.4]

94 Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]

SPECIFIC REQUIREMENTS

AIID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

GRP025 Wastewater Treatment Plant

- 95 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]
- 96 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]
- 97 Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.2]
- 98 Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.3923.
- 99 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii. [LAC 33:III.5107.B.4]
- 100 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]
- 101 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]
- 102 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]
- 103 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5111.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]
- 104 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:I.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]
- 105 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]
- 106 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]
- 107 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19960006

Permit Number: 2822-V0

Air - Title V Regular Permit Initial

GRP025 Wastewater Treatment Plant

- 108 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]
- 109 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]
- 110 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]
- 111 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]
- 112 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]
- 113 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]
- 114 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]
- 115 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]
- 116 Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]
- 117 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]
- 118 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]
- 119 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]
- 120 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]
- 121 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]
- 122 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]
- 123 Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]
- 124 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]
- 125 An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity. [LAC 33:III.5151.F.1.f]
- 126 Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery
Activity Number: PER19960006
Permit Number: 2822-V0
Air - Title V Regular Permit Initial

GRP025 Wastewater Treatment Plant

- 127 Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]
- 128 Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]
- 129 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7. [LAC 33:III.5609.A]
- 130 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 131 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]
- 132 Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901. [LAC 33:III.5901.A]
- 133 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]
- 134 Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division. [LAC 33:III.5911.A]
- 135 Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division within 60 days after the information in the submitted registration is no longer accurate. [LAC 33:III.5911.C]
- 136 Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded. [LAC 33:III.905]
- 137 Provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of emission limits. [LAC 33:III.913]
- 138 Where, upon written application of the responsible person or persons, the administrative authority finds that by reason of exceptional circumstances strict conformity with any provisions of these regulations would cause undue hardship, would be unreasonable, impractical or not feasible under the circumstances, the administrative authority may permit a variance from these regulations. [LAC 33:III.917.A]
- 139 No variance may permit or authorize the maintenance of a nuisance, or a danger to public health or safety. [LAC 33:III.917.B]
- 140 Submit Emission Inventory (EI) Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 141 Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:III.919.A-D. [LAC 33:III.919.D]
- 142 Submit written reports to the department pursuant to LAC 33:III.925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases. [LAC 33:III.927]
- 143 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]
- 144 Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies. Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. [40 CFR 61.145(b)(1)]
- 145 Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M. [40 CFR 61.148]

SPECIFIC REQUIREMENTS

AI ID: 1376 - Chalmette Refining LLC - Chalmette Refinery

Activity Number: PER19950006

Permit Number: 2822-Y0

Air - Title V Regular Permit Initial

GRP025 Wastewater Treatment Plant

146 Permittee shall comply with all the applicable requirements of the alternative requirements of paragraphs 40 CFR 61.342(c) and (d). The permittee shall manage and treat facility waste with a flow weighted annual average water content of less than 10 percent in accordance with 40 CFR 61.342(c)(1). The benzene quantity for the wastes described in 40 CFR 61.342(e)(2) shall be equal to or less than 6.6 tons per year, as determined in 40 CFR 61.355(k). Subpart FF. [40 CFR 61.342(e)]

147 Permittee shall comply with all the applicable recordkeeping requirements as stated in 40 CFR 61.356 and all the applicable reporting requirements of 40 CFR 61.357. Subpart FF. [40 CFR 61.356(a)(4), 40 CFR 61.357]

148 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A. [40 CFR 61]

149 Group 2 Wastewater Streams: Shall comply with all the applicable requirements NESHAP, Subpart G. [40 CFR 63.132(a)(3), 40 CFR 63.146(b)(1), 40 CFR 63.147(b)(8)]

150 Group 2 Wastewater Streams: Compliance with the requirements of NESHAP, Subpart A is considered compliance with NESHAP, Subpart CC. [40 CFR 63.640, 40 CFR 63.10(b)(3)]

151 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A. [40 CFR 63]

152 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

153 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

154 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]

155 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
Subpart B. [40 CFR 82,Subpart F]

156 Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in